

# **2006 Consumer Products Regulation Workgroup Meeting**

*June 1, 2006*



*California Environmental Protection Agency*

**Air Resources Board**

## **Overview**

- Background
- Progress to Date
- Initial Draft Proposed Category Standards
- Other Regulatory Amendments / Issues
- 2006 Regulatory Timeline
- Next Steps
- Contacts and Resources

## **Background**

- Third Workgroup Meeting
- Board Hearing Scheduled for November 2006
- Goal: 10-15 tpd VOC Reduction Statewide
- More Reductions Will be Achieved if Possible
- Survey Data Reviewed / Revised

## **Progress to Date**

- Analyzed/Revised Survey Data
- Created "Regulatory Categories" from Survey Data
- Released Table of Proposed Draft Initial Category Standards
- Released List of Products Contained in Regulatory Categories
- Determined Market Coverage Factors
- Have Begun to Develop &/or Revise Regulatory Category Definitions
- Released List of "Additional Items to Consider for 2006 Consumer Products Regulation Amendments"

## Initial Draft Proposed Category Standards

### Table Description

- Previously Regulated?
- Market Coverage Factor
- Category Emissions
- VOC Range
- Sales Weighted Average VOC



## Initial Draft Proposed Category Standards

### Table Description (cont.)

- Proposed Standard
- Reductions Achieved
- Complying Market Share
- Complying Products / Total Products

Some Data Withheld to Protect Confidentiality

## **Initial Draft Proposed Category Standards**

### Market Sectors

- Automotive Care
- Personal Care
- Adhesives / Sealants & Caulks
- Cleaners / Degreasers / Disinfectants
- Charcoal Lighter Material
- Fabric Care

## **Initial Draft Proposed Category Standards**

### Market Sectors *(cont.)*

- Lubricants & Penetrants
- Waxes & Polishes
- Air Care
- Pesticides
- Food Related



## **Other Regulatory Amendments / Issues**

- Multi-function Analysis
- VOC Exemptions
- Nail Polish Removers
- Aerosol Coatings Regulation
  - Most Restrictive Limit (in conjunction with CP Regulation)
  - Refine definition of "Aerosol Coating"



## **Other Regulatory Amendments / Issues** *(cont.)*

- Rubber / Vinyl Protectant Re-analysis
- Re-evaluate Fragrance Exemption Percentage  
(per category)
- Assess Toxic Compounds Use In Specific Categories
- Administrative Changes

## **Multifunction Analysis**

- Multi-function Products Make Claims to Remove Multiple Contaminants Such as:
  - Chewing gum; candle wax; stickers; decals; latex paint drips; adhesives; bumper stickers; tape; glue; crayon; markers; ink; oil; grease; grime; goo; spots; carpet stains; lipstick; shoe polish; graffiti; scuff marks; soap residue; asphalt; flux; nail polish; bugs; tar; and many more...
- By Policy and Product Determination Letters, Such Products Have Not Been Subject to Most Restrictive Limit Provision; no VOC Limit for Multi-purpose Solvents
- Inconsistent Treatment of Regulated Products vs. Multi-function Products

## **Multi-function Analysis**

*(cont.)*

### **Commitments Made in Last Rulemaking:**

- Determine Appropriate Regulatory Strategy For Products that Make Multiple Removal Claims
  - Consider redefining Multi-purpose Solvents and regulate as a separate category
  - Consider regulating multi-function products under the Most Restrictive Limit Provision
- Re-evaluate Technical Feasibility of General Purpose Adhesive Removers & Graffiti Removers Limits (adopted in 2004 rulemaking)

## **Multi-function Analysis**

*(cont.)*

- Analysis of Reported General Purpose Adhesive Remover & Graffiti Remover Products Supports Commercial/ Technological Feasibility Claims for Limits Approved in 2004 Rulemaking
- ARB Staff Proposes That Multi-function Products Comply with Most Restrictive Limit Provision
  - Each regulated removal claim can be found on competing, complying products in market place
  - Necessary to preserve reductions claimed in previous rulemakings – may be able to quantify additional reductions
  - Will require many MFP products to reformulate and/or re-label
  - Detailed technical analysis will be provided in ISOR

## **VOC Exemptions**

- TBAC (tertiary-Butyl acetate)
  - May be incorporated into amendments
  - Staff will evaluate on a category by category basis if an increased use of tbac could cause unacceptable exposures, and may consider limiting its use
- HFC-43-10 mee, HCFC-225 ca and cb, HFC-245 fa, HFE-7100 & HFE-7200
  - Clarifications and data submittal ongoing, may be difficult to incorporate in to amendments depending on timing

## **Nail Polish Removers**

- Currently Has a 0% VOC Limit
- Impurities in Raw Materials, & a VOC-creating Hydrolysis Reaction With Methyl Acetate Cause Products to Become Out of Compliance
- Propose Raising VOC limit to 1% to Address Impurity & Hydrolysis Issues
- Emission Shortfall Would be Minimal

## **Aerosol Coatings Regulation Overlap with Consumer Products Regulation**

- Add Language to Address This Situation
  - For example: Rubber & Vinyl Protectants may be subject to both Aerosol Coatings Regulation & Consumer Products Regulation
- Clarify Aerosol Coating Definition?
- Most Restrictive Limit Between Regulations?



## **Rubber / Vinyl Protectant Re-analysis**

- Drafting Error in Current Regulation, Should Have Been “Rubber **OR** Vinyl Protectant,” Per Staff Report
- May Overlap With Aerosol Coatings Regulation
- Made Request to Obtain Formulation and Sales Info for Aerosol Products
- Will Perform Technical Assessment of the Aerosol VOC Limit

## **Re-evaluate Fragrance Exemption Percentage (per category)**

- 2% May be Too High for Many Categories, Such as Fabric Softeners, Cleaners etc.

## **Assess Toxic Compounds Use In Specific Categories**

- n-Hexane in Adhesives
- MeCl in Brush Cleaners
- Perc in Tire Sealers / Inflators
- Consider Other Categories as we Encounter Specific Toxic Compounds

## **Administrative Changes**

- Consider Requiring IPE Products to Include Executive Order Number on Label
  - Necessary to keep track of IPE products
- Define "Manufacture for Sale in California"
  - Definition would enhance ability to enforce the prohibition of selling non-complying products in CA
- Other Non-substantive Administrative Changes
  - Existing products prohibition
  - Reference Automotive ATCM
  - Others to be determined

## Regulatory Timeline

*(tentative)*

- Third Workgroup Meeting.....June 1, 2006
- Fourth Workgroup Meeting.....July 2006
- Fifth Workgroup Meeting & First Public Workshop.....August 2006
- 45-Day Notice Release.....Sept. 29, 2006
- Board Hearing Date.....Nov. 16, 2006
  
- Additional Workshops/Workgroup/Subgroup/Individual Meetings TBA as Needed

## Next Steps

- Refine Proposed Regulatory Categories and Limits
- Develop / Revise Category Definitions
- Confer With Interested Parties on Technical Issues for Specific Categories
- Fourth Workgroup Meeting July 2006



## Contact Information

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## Websites



- **Air Resources Board website:** <http://www.arb.ca.gov>
- **Consumer Products website:**  
<http://www.arb.ca.gov/consprod/consprod.htm>
- **2003 Survey Data Summaries website:**  
<http://www.arb.ca.gov/consprod/regact/2003surv/datasum2003.htm>
- **Consumer Products Regulations website:**  
<http://www.arb.ca.gov/consprod/regs/regs.htm>
- **Consumer Products List Server website:**  
<http://www.arb.ca.gov/listserv/listserv.php>
- **2006 Consumer Products Regulation Amendments website:**  
<http://www.arb.ca.gov/consprod/regact/cpwg2006/cpwg2006.htm>